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| NWS CHANGE FORM PART A | | | 1. DATE SUBMITTED 30 November 1999 | |
| This form is in three parts. Submitters must complete unshaded blocks in Part A and as much of Part B as possible. WSH will complete Part C (implementation details). If there is no specific required change date, enter 60 days from date submitted. Address questions to NWS Change Management at (301) 713-1373. Submit change requests to the NWSRC mailbox (External: NWSRC@noaa.gov). | | | | |
| 2. ORIGINATOR OFFICE NWS | | 3. SUBMITTING AUTHORITY Name: Ward Seguin Routing Code: W/APO1 | | 4. COGNIZANT TECHNICAL INDIVIDUAL Name: David Helms Routing Code: W/OM22 Phone: (301)713-0462, X-116 |
| 5. ORIGINATOR TRACKING NUMBER RC_APO11 | | | | 7. WSH TRACKING NUMBER NWS 524 12/02/99 |
| 6. SYSTEMS AFFECTED BY CHANGE <input type="checkbox"/> DATA PRODUCTS (Complete Data Products Supplement) <input type="checkbox"/> ASOS <input checked="" type="checkbox"/> AWIPS <input type="checkbox"/> CRS <input checked="" type="checkbox"/> NEXRAD <input type="checkbox"/> OTHER (specify) _____ | | | | |
| 8. TITLE OF CHANGE Testing of WSR-88D radar Clear Air Mode Data Dissemination and Ingest. | | | | |
| 9. TYPE OF CHANGE <input type="checkbox"/> HARDWARE <input checked="" type="checkbox"/> SOFTWARE <input type="checkbox"/> DOCUMENTATION ONLY | | | 10. SITES AFFECTED (Attach Part B, Page 2, if needed) See Attachment A1A | |
| 11. STATEMENT OF REQUIREMENT, PROBLEM, OR DEFICIENCY OF EXISTING SYSTEM (Include problem report reference numbers.) To perform testing of the capabilities for AWIPS sites to disseminate and ingest WSR-88D radar data for both precipitation and clear air modes. | | | | |
| 12. KNOWN OR PROPOSED SOLUTION (Include source and description of new features or data products.) Requirement in Block 11 above will be implemented through the installation of the WSR-88D Radar Clear Air Mode Data Dissemination and Ingest software. The software has been developed by the NWS for Release 4.3.X and will be installed at the AWIPS sites for testing (see Attachment A1A for list of sites). | | | | |
| 13. ALTERNATE SOLUTIONS None | | | | |
| 14. REQUIRED CHANGE DATE 03 Dec 99 | | 15. RATIONALE FOR REQUIRED CHANGE DATE (Include proposed priority, if known.) The WSR-88D Radar Clear Air Mode Data Dissemination and Ingest software is ready to be tested at the field sites, and the proposed change date is the earliest possible date for the software to be installed at the selected fields (see Attachment A1A). | | |
| CCB/PMC/CMB DECISION | | | | |
| 16. DECISION AUTHORITY LEVEL | | <input type="checkbox"/> CCB LEVEL ONLY <input type="checkbox"/> PMC or NWS CMB DECISION REQUIRED | | |
| 17. CCB LEVEL DECISION | | <input type="checkbox"/> APPROVED <input type="checkbox"/> RECOMMEND APPROVAL <input type="checkbox"/> DISAPPROVED | | |
| | | SIGNATURE DATE SIGNED | | |
| FOR USE ONLY WHEN PMC or NWS CMB DECISION REQUIRED | | | | |
| 18. PMC OR NWS CMB DECISION | | <input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED | | |
| | | SIGNATURE DATE SIGNED | | |

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| NWS CHANGE FORM PART A - DATA PRODUCTS SUPPLEMENT |
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2. WSH TRACKING NUMBER

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This information is required for Data Products submissions. (Submitters should complete all applicable blocks, if known. WSH will assist.) Attach extra pages if necessary.

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| NWS CHANGE FORM PART B | | 1. ORIGINATOR TRACKING NUMBER RC_APO11 | |
| All RC/ECP submissions must also address the following information. Indicate if any areas are unknown or do not apply. State why information is unknown and when it will be available. Attach extra pages if necessary, referencing each applicable subject. | | 2. WSH TRACKING NUMBER | |
| FUNDING INFORMATION | | | |
| Estimate costs and indicate known sources of funding. (Include travel time, installation time, administrative time, and software development time when applicable.) | | 3. SOURCE OF FUNDING | 4. TOTAL COST \$*** |
| 5. DEVELOPMENT COSTS (Estimate development costs) This cost is associated with Release 4.3.X development | | KMOD _____ BASE | AMOUNT \$0 |
| 6. OPERATIONAL TEST AND EVALUATION COSTS (Estimate test and evaluation costs) N/A | | BASE | AMOUNT \$0 |
| 7. PRODUCTION COSTS (Include acquisition, kit proofing, spares, delivery, and documentation costs) | | KMOD _____ BASE | AMOUNT \$0 |
| 8. COMMUNICATIONS SERVICE/CIRCUITS COSTS (Include installation and recurring costs) N/A | | | AMOUNT \$0 |
| 9. IMPLEMENTATION SUPPORT COSTS (Include travel, installation, and administrative costs) Installation and testing: Govt (1 APO engineer's salary amount for 30 hours = 2 FSL engineers' salary amount for total of 20 hours = 1 OM engineer's salary amount for 54 hours = 2 SST engineers' salary amount for total of 10 hours =) | | KMOD _____ BASE | AMOUNT \$*** |
| 9A. LIFE CYCLE SUPPORT COSTS (Less communications service/circuits) Contractor (PRC) - NCF Operations | | KMOD _____ | AMOUNT Unknown |
| SUPPORTING INFORMATION AND SCHEDULES Provide detailed information needed to implement the requested change. | | | |
| 10. DEVELOPMENT STATUS/SCHEDULE (Major milestones such as Start, Beta Test, and OT&E) | | 11. PRODUCTION STATUS/SCHEDULE (Major milestones such as Solicitation, Contract Start Date, Delivery Date, Kit Proofing, etc.) | |
| 12. IMPLEMENTATION/RETROFIT SCHEDULE See attachment A1A | | 13. FACILITY INFORMATION (Attach facility drawings/plans.) N/A | |
| 14. COMMUNICATIONS INSTALLED (Type required, who will order, and associated hardware required; attach Part B, Page 2, if needed.) N/A | | 15. COMMUNICATIONS SERVICE/CIRCUITS TO BE REMOVED N/A | |
| 16. REQUIRED CLEARANCES, WAIVERS, AND LICENSES (Include person or organization responsible for obtaining each) N/A | | 17. COORDINATION OF CHANGE WITH OTHER CHANGES N/A | |
| 18. PHYSICAL ITEMS AND DOCUMENTS AFFECTED (Include part, serial, and document numbers. Attach Part B, Page 2, if needed.) N/A | | 19. STAFF RESOURCE IMPACTS (Skills and workload impact on maintainers, operators, and managers.) No recurring workload impacts. | |
| 20. LOGISTICS IMPACTS (Include facilities, maintenance, training, and support equipment impacts.) N/A | | 21. OPERATIONAL IMPACTS (Include continuity and back up needs and plans.) Service backup during software installation required (approximately one hour for basic installation). | |
| 22. ADDITIONAL MAJOR CHANGE ACTIVITIES (Include who will accomplish each of them and staff hours required.) The APO, FSL, and OM Engineers will install and test the change at the AWIPS sites with the SST's assistance. Staff hours required are as follows: APO Engineer - 30 hours; FSL Engineer - 20 hours; OM Engineer - 54 hours, SST - 10 hours. | | | |

NWS CHANGE FORM

RC_APO11

2. WSH TRACKING NUMBER

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| NWS CHANGE FORM PART C | | 1. ORIGINATOR TRACKING NUMBER RC_APO11 | |
| WSH is responsible for Part C, but submitters may complete sections that would help clarify the change requirement or the necessary implementation actions. | | 2. WSH TRACKING NUMBER | |
| 3. CCB COST EVALUATION <div style="display: flex; justify-content: space-between; margin-top: 10px;"> NWS COST \$*** FAA COST \$ DOD COST \$ OTHER AGENCY COST \$ TOTAL COST \$*** </div> <div style="text-align: center; margin-top: 5px;"> (SPECIFY)_____ </div> | | | |
| 4. IMPLEMENTATION DOCUMENTS REQUIRED <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <input type="checkbox"/> Engineering Modification Note <input type="checkbox"/> Software Release Notes Other <input type="checkbox"/> Document (Specify)_____ </div> | | | |
| ADDITIONAL IMPLEMENTATION INSTRUCTIONS (e.g., Implementation schedule, parts shipping instructions, equipment disposal procedures, additional documentation required, and status reporting instructions.) Include documentation, data input, notification vehicle, or specific action step required to verify completion of the implementation activity. | | | |
| 5. IMPLEMENTATION ACTIVITY REQUIRED | 6. REQUIRED COMPLETION DATE | 7. RESPONSIBLE PERSON AND OFFICE | 8. DOCUMENT OR ACTION REQUIRED TO VERIFY COMPLETION |
| A. Coordinate implementation schedule with AWIPS sites through SST | 02 Dec 99 | Thigpen/SST, W/APO3 | N/A |
| B. NCF Pushes the software to AWISP sites as directed by SST | 17 Dec 99 | Thigpen/SST, W/APO3 | See item C |
| B. APO, FSL, and OM Engineers monitor the system at AWIPS sites with the site's assistance | 14 Jan 00 | Helms W/OM22 | N/A |
| C. Report implementation completion using data provided by the APO, FSL, and OM engineer at AWIPS CCB meetings | 17 Jan 00 | Davidson, W/OSO112 | N/A |